


TWO-COLOR IMAGE FORMING METHOD

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Inventor: TANAKA SUSUMU; TAKEBE KAORU
Applicant: MINOLTA CAMERA KK
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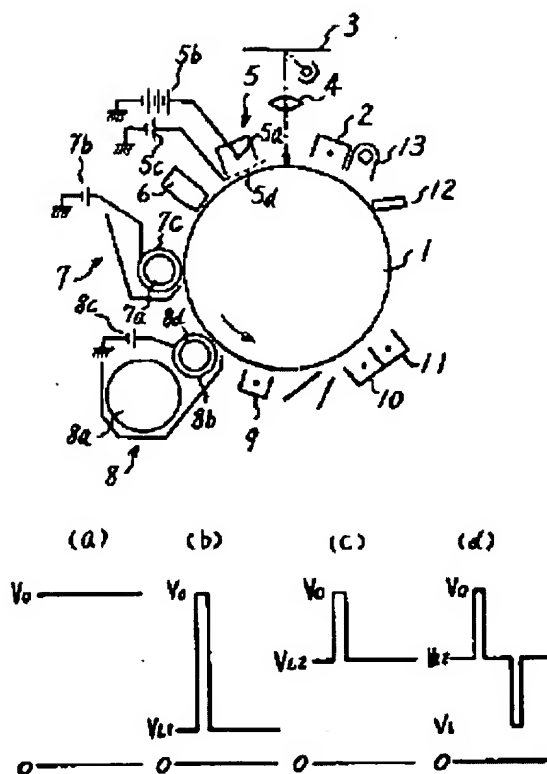
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Abstract of JP59101657

PURPOSE: To obtain an image free from fog by developing the first color image part with a magnetic toner triboelectrifiable to a fixed polarity and the second color image part with a magnetic carrier not triboelectrifiable with a magnetic toner and the toner triboelectrifiable with the magnetic carrier to a reversed polarity. **CONSTITUTION:** A photosensitive drum 1 is uniformly charged to a surface potential V_0 deg.C with a charger 2. This charged drum 1 is exposed to the light image of a positive original 3, resulting in leaving the image part almost at the potential V_0 , but attenuating the nonimage part to V_{L1} . This potential V_{L1} is instable, so setting of bias voltage is made difficult at the time of developing. From this view point, the potential V_{L1} is set to a constant intermediate potential V_{L2} . A part of the drum 1 set to the potential V_{L2} is exposed to a light image of a negative image by using a laser scanner or other means 6 to form the second electrostatic latent image having an attenuated intermediate potential V_i . The three kinds of potentials V_0 , V_{L2} , and V_i are thus given to the synthetic latent images formed on the drum 1, and these latent images are two-color developed with these magnetic brush developing devices 7, 8.



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